

GOVOROV, N.V.

Heterosis hybrids of sugar corn for canning. Kons. i ov.prom.
18 no.3:28-31 Mr '63. (MIRA 16:3)

1. Opytno-seleksionnaya stantsiya v Krymske.
(Corn (Maize))

PARAMONOV, F.F.; GOVOROV, N.V.

Biochemical analysis of sweet corn. Kons. i ev. prem. no.7:
27-29 Jl 163. (MIRA 16:9)

1. Vsesoyuznyy isntitut rasteniyevodstva.

GOVOROV, N.V.

Changing the order of differentiation for functions, analytical
with respect to one of the arguments. Trudy NFT 109:21-23 '60.
(MIRA 14:3)

(Calculus, Differential)

S/0201/64/000/001/0012/0017

ACCESSION NR: APL4025746

AUTHOR: Govorov, N. V.

TITLE: Homogeneous Riemann boundary value problem with infinite index

SOURCE: AN BSSR. Izv. Seriya fiziko-tehnicheskikh nauk, no. 1, 1964, 12-17

TOPIC TAGS: Riemann boundary value problem, homogeneous boundary value problem, infinite index, smooth open contour, indicator, characteristic of decrease, bounded solution, vortex point, entire function

ABSTRACT: The author defines the order of a function and its indicator, and the order of its decrease, in general and in a wedge. In the region D in the z plane he studies the homogeneous Riemann boundary value problem

$$\phi^+(t) = G(t) \phi^-(t) \quad (1)$$

under certain assumptions. He restricts consideration to bounded solutions of this problem and proves theorems concerning conditions under which (1) does not have bounded solutions of a given order; under which (1) has an infinite set of

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linearly independent solutions of form

$$\Phi(z) = F(z) \exp \left[\frac{z}{2\pi i} \int \frac{\ln G(\tau) d\tau}{\tau(\tau-z)} \right], \quad F(z) = cz^m \prod_{n=1}^{\infty} \left(1 - \frac{z}{z_n} \right). \quad (2)$$

and related theorems. "In conclusion I express my deep gratitude to my scientific instructor F. D. Gakhov." Orig. art. has: 14 formulas.

ASSOCIATION: none

ENCL: 00

SUBMITTED: 00

DATE ACQ: 10Apr64

OTHER: 000

SUB CODE: MM

NO REF Sov: 002

Card2/2

GOVOROV, N.V.

Riemann's inhomogeneous boundary value problem with an infinite
index. Dokl. AN SSSR 159 no.5:961-964 D '64 (MIRA 18:1)
1. Novocherkasskiy politekhnicheskiy institut. Predstavleno
akademikom A.A. Dorodnitsynom.

ACCESSION NR: AF6019958

8/0020/64/134/006/1247/1249

AUTHOR: Coverov, N. V.

TITLE: Riemann boundary value problem with infinite index

SOURCE: AN SSSR. Doklady*, v. 154, no. 6, 1964, 1247-1249

TOPIC TAGS: boundary value problem, Riemann problem, Riemann boundary value problem, whole function, continuous function

ABSTRACT: The basic characteristic determining the number of linearly independent solutions to the Riemann boundary value problem is the index of its coefficient. The present article gives a solution to this problem for one case of inverting the index into infinity. Only the case of positive vorticity is examined. A homogeneous Riemann boundary value problem

$$\Phi^+(t) = \Theta(t) \Phi^-(t)$$

is examined in the domain D under the following assumptions

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ACCESSION NR: AF4019958

1. $\arg G(i) = \varphi(i) \rho, 0 \leq \rho < \frac{\pi}{2}, \varphi(i) \in H(\psi), 0 < \psi < 1, \varphi(\infty) = -\lambda > 0, -2\pi < \arg G(i) < 0.$
2. $\ln |G(i)| \in H(\mu).$

A nonhomogeneous Riemann boundary value problem

$$\Phi^+(i) = G(i) \Phi^-(i) + g(i), 1 < |i| < \infty,$$

is examined in the domain D with an infinite index under the following assumptions

1. $\arg G(i) = \varphi(i) \rho, 0 < \rho < \frac{\pi}{2}, \varphi(i) \in H(\psi), \rho < \mu_0 < 1, \varphi(\infty) = \lambda > 0.$
2. $\ln |G(i)|, g(i) \in H(\mu), 0 < \mu < 1.$
3. $\arg G(i) = 0, g(i) = 0, -2\pi < \arg G(i) < 0.$

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ACCESSION NR: AP4019958

Generally speaking, problem (6) does not have a solution of the order α with an indicator function

$$h_0(0) < h_0 < 0 \quad (0 < \theta < 2\pi).$$

"In conclusion, author expresses his deep thanks to Professor V. D. Gakhov, who directed the present work." Orig. art. has: 9 equations

ASSOCIATION: AM, SSSR

SUBMITTED: 22Jul63

DATE ACQ: 23Mar64

ENCL: 00

SUB CODE: M21

NO REF Sov: 002

OTHER: 000

Card 3/3

GOVOROV, N.V.

Indicator of functions of nonintegral order, analytic and growing
with perfect regularity on a half-plane. Dokl. AN SSSR 162 no.3:
495-498 My '65. (MIRA 18:5)

l. Novocherkasskiy politekhnicheskiy institut. Submitted December 8,
1964.

GOVOROV

AID P - 1560

Subject : USSR/Aeronautics

Card 1/1 Pub. 135 - 13/18

Author : Govorov, O., Engineer

Title : Technical standardization in repair units

Periodical : Vest. vozd. flota, 2, 71-73, F 1955

Abstract : The author stresses the importance of standardization in repair units, complains about the small degree of standardization already introduced, and indicates steps to be taken to improve the situation.

Institution: None

Submitted : No date

Country : USSR
Category: Cultivated Plants. Grains.

M

Abs Jour: RZhBiol., No 22, 1958, No 100262

Author : Govorov, P.M.
Inst : Inst. of Biology, Yakut Affil. AS USSR
Title : An Experiment in Growing Corn at Chuchur-Muranskaya Biological Station.

Orig Pub: Tr. In-ta biol. Yakutskiy fil. AN SSSR, 1957.
vyp. 3, 167-174

Abstract: In 1954, a study of a large collection of corn varieties was carried out at Chuchur-Muranskaya Biological Station (Yakutskaya SSR). All of the varieties studied, were divided into 4 groups according to the length of the vegetative period: I group - vegetative

Card : 1/3

M-40

Country: USSR
Category: Cultivated Plants. Grains. M
APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000516430001-1

Abs Jour: RZhBiol., No 22, 1958, No 100262

period of 95-100 days, the yield of green roughage - 200 centners/ha; II group - vegetative period of 100-110 days, the yield of green roughage 260 centners/ha; III group - with the planting in the ground, it reaches only the milky stage, the yield of green roughage is 240-400 centners/ha; IV group - with the planting in the ground reaches the stage of tassel emergence, the yield of green roughage is up to 570 centners/ha. The most productive in Yakutia, proved to be varieties of the III and IV groups, but their mature seeds can be secured only by the

Card : 2/3

Abs Jour: RZhBiol., No 22, 1958, No 100262

cultivation of seedlings. With an average yield of the green roughage being 200-250 centners/ha, corn is the most efficient si-

GOVOROV, P.M.

Effect of seeding time on the growth and development of corn plants
in central Yakutia. Uch.zap. IAGU no.6:85-98 '59. (MIRA 13:12)
(Yakutia—Corn (Maize))

GOVOROV, P.M.

Some deviations in the development of the corn flower in central
Yakutia. Uch.zap. IAGU No.6:99-103 '59. (MIRA 13:12)
(Yakutia—Corn (Maize))

GOVOROV, P.M.

Some specific features of the development of hybrid corn in Yakutia.
Nauch. soob. IAFAN SSSR no.5:43-50 '61. (MIRA 14:12)
(Chuchur-Muran region--Corn (Maize)--Varieties)

GOVOROV, R. A.

YU. V. GORIKA, R. A. GOVOROV, R. A. BURINSTEIN:
In a Russian Symposium of Papers entitled "Heat Treatment of
Rails", edited by I. P. Burdin and published by the Soviet
Academy of Science, Moscow 1950, The Following articles
appeared; Prevention of flake formation in undercooled
rails.

SO: 826103

L 00478-66 EWP(e)/EWT(m)/EWP(i)/EWP(b) GS/WH
ACCESSION NR: AT5013393

UR/0000/65/000/000/0143/0149

AUTHOR: Bokin, P. Ya.; Govorova, R. A.

TITLE: Resistance to surface grinding and mechanical properties of certain glasses and glass-crystalline materials

SOURCE: AN SSSR. Institut khimii silikatov. Strukturnye prevrashcheniya v steklakh pri povyshennykh temperaturakh (Structural transformations in glass at high temperatures). Moscow, Izd-vo Nauka, 1965, 143-149

TOPIC TAGS: glass surface strength, glass property, glass grinding, optical glass

ABSTRACT: The method of mutual grinding was used to study the strength characteristics of K8, BK6, F2, and TF4 optical glasses and of glass-crystalline materials prepared from these glasses. Quartz glass ($H = 710 \text{ kg/mm}^2$) and a powder of silicon carbide ($H = 2900 \text{ kg/mm}^2$) were taken as the standards. The influence of the relative size of the glasses being ground on the value of the surface strength P_o obtained was determined. It was found that in order to determine P_o of the optical glasses within 8 - 10%, the surface areas of the samples used in the mutual grinding should differ from each other by a factor of no more

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ACCESSION NR: AT5013393

than 2.0 - 2.5 if the strength of the ground sample is 3 to 5 times less than that of the standard glass. Grinding of glasses with a strength of 0.18 and glass-crystalline materials with a strength of 4.6 showed that the general principle of the mutual grinding method was closely obeyed for all the samples, and hence, that the method is fully applicable to the determination of the surface strength of both glasses and glass-crystalline materials. In addition, this method permits the detection of internal changes in the structure of lithium silicate glasses caused by a variable content of lithium oxide. The relationship between the surface strength of glasses and glass crystalline materials and their micro-hardness and Young's modulus was elucidated. "Measurements of the hardness of glasses and glass-crystalline materials were carried out by G. A. Nikandrova." ⁴⁴
Orig. art. has: 3 figures and 4 tables.

ASSOCIATION: none

SUBMITTED: 21Dec64

ENCL: 00

SUB CODE: MT

NO REF SOV: 004

OTHER: 000

mlr
Card 2/2

L 00477-66 EWP(e)/EWT(m)/EWP(1)/EWP(b) GS/NH

ACCESSION NR: AT5013394

UR/0000/65/000/000/0149/0157

AUTHOR: Bokin, P. Ya.; Korelova, A. I.; Govorova, R. A.; Alekseyeva, O. S.; Nikandrova, G. A.

TITLE: Mechanical properties and microstructure of lithium silicate glasses at various stages of crystallization

SOURCE: AN SSSR. Institut khimii silikatov. Strukturnye prevrashcheniya v steklakh pri povyshennykh temperaturakh (Structural transformations in glass at high temperatures). Moscow, Izd-vo Nauka, 1965, 149-157

TOPIC TAGS: glass mechanical property, glass crystallization, lithium silicate glass, glass structure

ABSTRACT: Certain mechanical properties and their dependence on the microstructure of initial and crystallized lithium silicate glasses containing 23.4 and 34.4 mole % lithium oxide were investigated. The glasses were subjected to various thermal treatments, and their microstructure was studied. The change in the size and quantity of spherulites and in the density, micronhardness, elastic constants, and surface strength of the glasses was studied as a function of the conditions of thermal treatment. This combined study of the microstructure and mechanical properties of lithium silicate glasses reveals that changes in

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L 00477-66

ACCESSION NR: AT5013394

such properties taking place during the crystallization of glasses under various conditions are closely related to changes in their microstructure, which in turn depends on the composition and properties of the separating crystals.
Orig. art. has: 7 figures and 2 tables.

ASSOCIATION: none

SUBMITTED: 21Dec64

NO REF Sov: 006

ENCL: 00

SUB CODE: MT

OTHER: 000

mlr
Cord 2/2

L 00476-66 EWP(e)/EWT(m)/EWP(f) GS/MH
ACCESSION NR: AT5013395

UR/0000/65/000/000/0158/0176

AUTHOR: Bokin, P. Ya., ⁴⁴ Korelova, A. I., ⁴⁴ Govorova, R. A., ⁴⁴ Alekseyeva, O. S.; ⁴⁴
Nikandrova, G. A. ⁴⁴

TITLE: Relationship between certain mechanical properties and the micro-
structure of crystallized lithium aluminosilicate glasses ¹⁵⁴⁴

SOURCE: AN SSSR. Institut khimii silikatov. Strukturnye prevrashcheniya v
steklakh pri povyshennykh temperaturakh (Structural transformations in glass at
high temperatures). Moscow, Izd-vo Nauka, 1965, 158-176

TOPIC TAGS: glass crystallization, glass mechanical property, lithium
metasilicate, lithium aluminosilicate

ABSTRACT: A series of mechanical properties (density, hardness, elastic con-
stants, and surface strength) were studied as a function of the microstructure
of lithium aluminosilicate glass subjected to crystallization under various
conditions of thermal treatment. The microstructure was investigated by optical
and electron microscopy; x-ray phase analysis was also employed. In samples
subjected to thermal treatment at 530-700C, the increase in density is due to
the crystallization of lithium metasilicate, which is also responsible for the

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L 00476-66

ACCESSION NR: AT5013395

increase in microhardness, Young's modulus, and surface strength. A still greater increase in density at 740C and above, associated with a decline in mechanical properties, is caused by the formation of a β -eucryptite solid solution, which is much more brittle than glass. It is concluded that the methods selected for studying the mechanical properties are sufficiently sensitive and adequately reflect changes in the process of crystallization and in the nature of the crystallizing phases caused by different conditions of thermal treatment. The results showed that the appearance of any crystalline phase in the glass is associated with the formation of a microstructure characteristic of this phase, and this in turn is manifested by changes in the curves representing the mechanical properties versus the temperature of the thermal treatment. Orig. art. has: 13 figures and 2 tables.

ASSOCIATION: none

SUBMITTED: 21Dec64

ENCL: 00

SUB CODE: MT

NO REF Sovi: 013

OTHER: 011

mlr
Card 2/2

GOVOROV, V. A.

"Concerning Operational Control of Radio Communications," Vest. svyazi, No.8,
pp 19, 1953

Chief, Division of Technical Operation of the Tashkent Directorate for Radio
Communications.

Translation No. 544, 30 Apr 56

GOVOROV, V.A.

Why the resolution of the All-Union conference on the operation of
the means of radio communication is not being carried out. Vest.
sviazi 15 no.1:22-23 Ja'55. (MIRA 8:2)

1. Nachal'nik otdela tekhnicheskoy ekspluatatsii Tashkentskoy
direktsii radiosvyazi.
(Radio stations)

GOVOROV, V. A.

AID P - 1899

Subject : USSR/Engineering

Card 1/2 Pub. 29 - 4/25

Authors : Govorov, V. A., Eng., Lisenkov, A. A., Kand. of
Tech. Sci., and Zakhalev, I. A., Kand. Phys.-Math.Sci.

Title : Burning of unassorted anthracite on chain-grate stoker
without fall-throughs

Periodical : Energetik, 2, 12-13, F 1955

Abstract : The authors made observation tests of anthracite
burning in the TS-30 boiler (30 t/h., 22 atm and
375°C built by the Taganrog Plant). The boiler
furnace, equipped with chain-grate stoker without
fall-throughs and designed for burning assorted hard
coal, did not generate the expected amount of steam
when unassorted anthracite was used. The authors
describe results of their observation supplementing
it with a chart of the boiler's performance, and
suggest certain means for improvement. Two
diagrams.

Energetik, 2, 12-13, F 1955

AID P - 1899

Card 2/2 Pub. 29 - 4/25

Institution: None

Submitted : No date

GOVOROV, V.G., gornyy inzh.

Mine car cleaning machine. Gor. zhur. no.2:72 P '58. (MIRA 11:3)

1. Stalinogorskij filial instituta Giprouglemash.
(Mine railroads--Cars)

(GOVOROV, V.G., gornyy inzh.)

Device for cleaning mine cars. Ugol' 33 no.2:36-37 F '58.
(Mine railroads--Cars) (Coal-handling machinery) (MIRA 11:2)

GOVOROV, V.G., student III kursa; SPIVAKOVSKIY, A.O., prof. doktor

Results of mine testing of machines for cleaning railroad cars.
Nauch. rab. stud. GNSO MGI no. 7:47-49 1959. (MIRA 14:5)

1. Chlen-korrespondent AN SSSR (for Spivakovskiy).
(Mine railroads—Cars)

8/282/63/000/002/002/005
A059/A126

AUTHOR: Govorov, V. G.

TITLE: A continuous crystallizer

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk, 47. Khimicheskoye i khologil'noye mashinostroyeniye, no. 2, 1963, 32, abstract 2.47.179
(Vestn. tekhn. i ekon. inform. N.-i. in-t'ekhn.-ekon. issled. Gos. kom-ta Sov. Min. SSSR po khimii, no. 1, 1963, 24 - 26)

TEXT: The design of a continuous crystallizer intended for the production of various salts, and its operation are described. The experimental model has passed the pilot-plant tests. It is assumed that the amount of salt obtained from a heated surface of 1 m² of the new apparatus being in production is about 15 kg/h. As an example, the basic diagram of the production of sodium chloride involving the use of a crystallizer of the design described is given. There are 2 figures.

[Abstracter's note: Complete translation]

Card 1/1

L 64888-65 SFT(m)/T/EP(t /EP(b)/EP(c) IJF(c) 35
ACCESSION NR: AP5018721

UR/0070/65/010/004/0525/0530

AUTHORS: Urusovskaya, A. A.; Govorkov, V.G.

TITLE: Effect of impurities on the plastic deformation of single
crystals of calcium fluoride

SOURCE: Kristallografiya, v. 10, no. 4, 1965, 525-530, and bottom
half of insert facing p. 475

TOPIC TAGS: calcium fluoride, crystal deformation, crystal impurity,
plastic deformation, crystal dislocation

ABSTRACT: The plastic deformation of single crystals of CaF_2 was
investigated under various conditions, using both pure crystals and
crystals containing Sm and Nd impurities. Natural and synthetic
crystals were studied. Dislocations were investigated by etching
the (111) plane with concentrated sulphuric acid at 20°C for 8-10
minutes. The dislocation rosettes of natural and synthetic CaF_2 were

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L 64538-65

ACCESSION NR: AP5018721

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compared. The crystals were etched selectively. The compression tests were carried out on 3 x 3 x 5 mm CaF_2 samples cut in the form of parallelepipeds from single-crystal boules. The surfaces of the samples were polished mechanically, and annealed at 940--1000C for 40 minutes to remove the residual stresses. A special instrument was used to deform the samples in an argon atmosphere at a rate of $6.3 \times 10^{-4} \text{ sec}^{-1}$. The plastic deformation occurs as a result of slipping along the $\{100\}$ in the $\langle 110 \rangle$ directions. The plasticity (mobility of dislocations) of CaF_2 depends on the valence of its rare-earth impurities: the divalent Sm strengthens the crystal more than the trivalent Nd. Annealing of CaF_2 containing Sm^{2+} for an hour at 1200C reduces the dislocation density within the blocks by an order of magnitude. The appearance of a minimum and a maximum on the compression curves as a function of temperature at 600--750C is apparently due to the effect of the Sm and Nd impurities. "The authors express their gratitude to M. V. Klassen-Neklyudova and V. L. Indenbom for a discussion of the results, and also to V. Ya. Khaimov-

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L 64538-65

ACCESSION NR: AP5018721

Mal'kov and Kh. S. Bagdasarov for supplying the crystals." Orig. art.
has: 2 photographs and 3 figures.

ASSOCIATION: Institut kristallografii AN SSSR (Institute of Crystallography AN SSSR)

SUBMITTED: 06Nov64

ENCL: 00

SUB CODE: SS

NR REF Sov: 010

OTHER: 017

Card

mb
3/3

GOVOROV, V.I.; KALINICHENKO, P.G.; POLYANSKIY, G.A.

Contactless position indicator. Avtom. i prib. no. 3:73 J1-S '64.
(MIRA 18:3)

GOVOROV, V. P.

EXCERPTA MEDICA Sec.2 Vol.11/5 Physiology, etc. May 58

2293. ABSORPTION, CUMULATION AND ELIMINATION OF FRUGOSIDE (Russian text) - Govorov V. P. Moscow - FARMAKOL. I TOKSIKOL. 1957, 20/5 (81-84) Tables 4

The leaves and seeds of *Gomphocarpus fruticosus* contain 2 crystalline glucosides (previously described). Both gomphocarpine and frugoside possess cardiotonic activity. Their effects were previously estimated as more potent than those of ouabain etc. In experiments on cats the critical infusion rate and the elimination rate of frugoside was found to be 0.035-0.04 mg./kg./hr., being 26.9-30.7% of the MLD, i.e. considerably higher than with other cardiac glycosides. The absorption of frugoside from the duodenum was very slow and not complete.

Vacek - Brno

Kafedra farmakologii (zav. - prof. A. A. Preobrazhenskiy (Deceased) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I. M. Sechenova.

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000516430001-1

GOVOROV, V. P., Doc of Med Sci -- (diss) "Pharmacological Investigation of New Cardiac Glucoses -- Frugosid, Erisimine, and Cymarine," Moscow, 1959, 16 pp (First Moscow Medical Institute im Sechenov) (KL, 2-60, 116)

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000516430001-1"

GOVOROV, N.P., prof.; GOVOROV, V.P., dotsent

Searches for new sources of medicinal substances. Trudy OMI no.25:
77-84 '59. (MIRA 14:10)

1. Iz kafedry farmakologii Omskogo meditsinskogo instituta imeni
Kalinina, zav. kafedroy prof. N.P.Govorov.
(PHARMACOGNOSY)

GOVOROV, V.P., dotsent

Action of frugoside, erysimin and cymarin on the cardiovascular system during experimental circulatory insufficiency. Trudy OMI no.25:161-165 '59. (MIRA 14:10)

1. Iz kafedry farmakologii Omskogo meditsinskogo instituta imeni Kalinina, zav. kafedroy dotsent V.P.Govorov.
(BLOOD-CIRCULATION, DISORDERS OF)
(CARDIAC GLYCOSIDES)

GOVOROV, V.P. ROGOV, A.A.

Pathohistological changes in the parenchymal organs in cats after repeated administrations of certain cardiac glycosides. Farm. i toks. 23 no.2:140-142 Mr-Ap '60. (MIRA 14:3)

1. Kafedra farmakologii (zav.-deystviteľ'nyy chlen AMN SSSR prof. V.V.Zakusov) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova i Tsentral'noy nauchno-issledovatel'skoy laboratorii imeni S.I.Chechulina (nauchnyy konsul'tant - chlen-korrespondent AMN SSSR prof. A.I. Strukov, zav.A.S. Chechulin). (CARDIAC GLYCOSIDES)

MUKHLENOV, I.P.; SHAEEL'NIKOV, A.P.; Prinimali uchastiye: KOSHURNIKOV, B.L.;
GOVOROV, V.P.; BONDARCHUK, T.P.

Study of the processes of water-cycling concentration and purification
of sulfur dioxide. Zhur.prikl.khim. 37 no.1:3-8 Ja '64.

(MIRA 17:2)

1. Leningradskiy tekhnologicheskiy institut imeni Lensoveta.

~~GOVOROV, Viktor Sergeyevich; LOTYSHEV, I.P., red.; KHLOBORDOV, V.I.,~~
~~tekhn. red.~~

[Treatment at Sochi-Matsesta Health Resort] Lechenie na kurorte Sochi-Matsesta. Krasnodar, Krasnodarskoe knizhnoe izd-vo, 1962. 135 p. (MIRA 15:9)
(SOCHI--HEALTH RESORTS, WATERING-PLACES, ETC.)

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000516430001-1

STEFANOVICH, L.V.; GOVOROV, V.V.

Semiautomatic devices for pasting resins on optical parts.
Opt.-mekh.prom. 25 no.6:38-41 Je '58. (MIRA 11:10)
(Adhesives)

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000516430001-1"

GOVOROV, V.Ye. (Moskva)

Algebras freely generated by finite amalgams. Mat.sbor.
50 no.2:241-246 P '60. (MIRA 13:6)
(Algebra, Abstract)

GOVOROV, V.Ye.

Rings above which plane moduli are free. Dokl. AN SSSR 144
no.5:965-967 Je '62. (MIRA 15:6)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
Predstavлено академиком A.I.Mal'tsevym.
(Rings (Algebra))

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000516430001-1

GOVOROV, V.Ye.

Plane moduli. Sib.mat.zhur. 6 no.2:300-304 Mr-Ap '65. (MIRA 18:5)

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000516430001-1"

OSIPOVA, Ye.S.; GOVOROVA, Ye.V.; KRUPODER, V.Ya.

Treatment of the carriers of pathogenic staphylococci with erythromycin and ecmonovocillin. Antibiotiki 10 no.8:752-754 Ag '65. (MIRA 18:9)

1. Sanitarno-epidemiologicheskaya stantsiya Dzerzhinskogo rayona Krivogo Roga, rodil'nyy dom 2-y gorodskoy bol'nitsy.

BARINOV, N.A., kand.tekhn.nauk; POPOV, V.M., inzh.; GOVOROV, Yu.A., inzh.

Practice in using the water-cooled roof of the DSN-1,5 furnace.
Mashinostroenie no.6:32-34 N-D '63. (MIRA 16:12)

GOVOROVA, A. D.

GOVOROVA, A. D. - "Alimentary and Defensive Non-conditioned Saliva Reactions in Female Dogs after Spaying." Rostov State U imeni V. M. Molotov, Rostov-on-Don, 1955 (Dissertations For the Degree of Candidate of Biological Sciences)

SO: Knizhnaya Letopis' No. 26, June 1955, Moscow

MARKOSYAN, A.A., red.; TARASOVA, K.V., red.; GOVORKOVA, A.F., red.;
NOVOSEROVA, V.V., tekhn.red.

[Transactions of the Fifth Scientific Conference on Age-Related
Morphology, Physiology, and Biochemistry] Trudy Nauchnoi
konferentsii po vozrastnoi morfologii, fiziologii i biokhimii.
Pod red. A.A. Markosiana. Moskva, Izd-vo Akad.nauk RSFSR, 1962.
557 p. (MIRA 16:3)

1. Nauchnaya konferentsiya po vozrastnoy morfologii, fiziologii
i biokhimii. 5th, 1961. 2. Chlen-korrespondent Akademii
pedagogicheskikh nauk RSFSR (for Markosyan).
(ANATOMY, HUMAN--CONGRESSES) (PHYSIOLOGY--CONGRESSES)
(ONTOGENY--CONGRESSES)

KUZNETSOV, V.I.; GOVOROVA, A.G.; FADEICHEVA, A.G.; KIGEL', T.B.;
CHERNYKH, M.I.

Complex utilization of brown coal in the Ukrainian S.S.R. Part 13.
Tars from the semicoking of Ukrainian brown coal with a solid
semicoke heat carrier. Ukr.khim.zhur. 21 no.6:804-809 '55.
(MLRA 9:5)

1. Institut teploenergetiki AN USSR. Laboratoriya khimicheskoy
pererabotki topliv.
(Ukraine--Lignite) (Coal-tar products) (Coking)

CHERVYAKOVSKIY, G.P.; GOVOROVA, A.V.

Biotite containing monchiquites from the Krasnoural'sk region in
the Central Urals. Zap. Vses. min. ob-va 88 no.5:597-599 '59.
(MIRA 13:2)

1.Gorno-geologicheskiy institut Ural'skogo filiala AN SSSR.
(Krasnoural'sk region--Monchiquites)

GOVOROVA, G.F.

Infection of strawberries caused by the fungus Phytophthora
fragariae Hickm. Biul. Glav. bot. sada no.54:105-110 '64.
(MIRA 17:11)

1. Opytnaya stantsiya Vsesoyuznogo instituta rasteniyevodstva
goroda Krymsk, Krasnodarskogo kraya.

GOVOROVA, G. L.

Cand Tech Sci

Dissertation: "Interaction of Wells and Processes of Redistribution of
Bed Pressures."

21/6/49 21 June 49

Moscow Order of the Labor Red Banner Petroleum Inst
imeni Academician I. M. Gubkin

**SO Vecheryaya Moskva
Sum 71**

Govorova, G.L.

PISKUNOV, N. S.; GOVOROVA, G.L.

Approximation method for determining the movement of the water-oil
boundary. Trudy VIII no.6:3-12 '54. (MLRA 9:1)
(Petroleum engineering) (Oil field flooding)

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000516430001-1

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000516430001-1"

AID P - 335

Subject : USSR/Mining

Card : 1/2

Authors : Govorova, G. L. and Amelin, I. D.

Title : Treatment of the results of the study of oil inflow
in wells

Periodical : Neft. Khoz., v. 32, #5, 42-48, My 1954

Abstract : The authors describe two methods for the determination of the "indicator curve" for oil output from wells based on the study of changes in output dependent upon the difference between pressures in the stratum and those in the well. One method concerns the flow of homogeneous fluid for the oil pressure above the gas saturation pressure, and another two or three phases mixture flow (oil and gas or oil, water and gas) for oil pressure below the gas saturation pressure. Absolute oil penetrability is considered as a more stable physical characteristic than the effective penetrability because the latter is usually smaller and varies with saturation,

Neft. Khoz., v. 32, #5, 42-48, My 1954. (additional card) AID P - 335

Card : 2/2

which changes with the time element. The shape of the "indicator curve" (output-versus pressure difference) represents the production efficiency of the oil well. 5 charts, 4 tables and 4 Russian references (1948-50).

Institution : None

Submitted : No date

Govorova, G. L.

124-1957-10-11790

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 10, p 86 (USSR)

AUTHORS: Vakhitov, G. G., Govorova, G. L.

TITLE: Some Radial Problems of the Displacement of Petroleum by Water
From a Non-uniformly Permeable Layer (Nekotoryye radial'nyye
zadachi vytessneniya nefti vodoy iz neodnorodnogo po pronitsayemosti
plasta)

PERIODICAL: Tr. Vses. neftegaz. n.-i. in-ta, 1956, Nr 8, pp 250-261

ABSTRACT: The problem of the radial displacement of petroleum by water
in a layer of uniform thickness containing two annular zones of
different permeability is examined. The difference in the vis-
cosity of water and oil is taken into account as well as the de-
creased phase permeability relative to water in the displacement
region, which is regarded as approximately constant. The fluids
and the soil stratum are regarded as incompressible and the
seepage as laminar. Also investigated is the case of n annular
concentric zones of different permeability. An example demon-
strates the effect of non-homogeneity on the time of contraction
of the petroliferous contour toward an annular tunnel.

V. L. Danilov

Card 1/1

GOVOROVA, G.L.; RYABININA, Z.K.

Basis for determining water cut oil layers. Trudy VNII 10.10.247-
249 '57. (MIRA 14:6)
(Oil reservoir engineering)

Широков, В.Л.

18

卷之三

Problems in Dentistry and Oral Prosthetics	107
Chambers, G.H., and R.M. Shulman. Report of the Volatility of High- molecular-weight Polymers in Dental Ceramics on O.I. Sterilizers	107
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Chambers, G.H. A Study of the Wear of Various Strength Porcelain Ceram- ics and Ceramoceramics	110
Chambers, G.H. Chemistry of Ceramics	111

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卷之三

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000516430001-1"

GOUROUTA, G. L.

11(2,4)	PALEO I BOOK EXPLOITATION	507/236
Moscow. Institut neftekhimicheskoy i gazonoy proizvodstva.		
Problemy nafti i gaza (Oil and Gas Problems) Moscow, Gostoptekhnizdat, 1959.		
362 p. (Series: IZdat Trudy, vyp.24) Errata slip inserted. 2,000 copies printed.		
Sponsoring Agency: Ministerstvo gosudarstvennoy obnaruzhivayushchey SSSR.		
Res. Ed.: G. P. Mironov; Tech. Ed.: I. G. Fedotov; Editorial Board: I. P. Zil'brakh, Professor; I. N. Kharayev, Professor; A. A. Rabinov, Candidate of Technical Sciences; V. N. Vlasov, Professor; Candidate of Technical Sciences; M. N. Churikov, Professor; F. F. Dusayev, Professor; I. A. Churikov, Professor; V. K. Dakhnov, Professor; G. M. Panchikov, Professor.		
PURPOSE: This collection of articles is intended for specialists in the petroleum and gas industry. It will also be of interest to scientific research institutes, teachers and students of universities, and synthetic gas production. A number of articles are concerned with natural study of regional oil and gas-bearing zones, the crystalline basis underlying sedimentary prospecting, oil well horizons, detailed description of oil and gas fields, petroleum-bearing formations and their petrochemical characteristics, and their possible use in the oil and gas industry, the production of methanol, methanol-alkylene compounds, the application of acidic exchange to the organic catalysis, continuous cracking of heavy petroleum residues, the influence of the temperature of tube oil production, and the influence of fluidized sand on properties of lubricating oil and grease. The book contains a number of photographs, tables, flow sheets, and diagrams, some of which deserve a detailed bed catalyst, deserve special attention. References concerning individual articles.		
Fizika, V. P. (Dobosev), T. A. Lapinskaya, and V. S. Krasner. Some Results of the Petrographic Study of Crystalline Beds Underlying the Volgograd Petroleum Province		
Tolstorukov, M. I. Tectonic Pattern of the Caspian Depression and Adjacent Regions		
Byshkin, I. A. Application of Reproductive Photography in Scientific Prospecting		
Teronen, I. I. Study of Porosity and Saturation of Oil Reservoir Rocks by Applying Radiometric Methods in Oil Well Logging		
Shevchenko, V. M. M. I. Baranovskaya, E. I. Goryainova, and N. A. Gurevich. Investigation made by the Department of Theoretical Mechanics in the Field of Lubricant Hydrodynamics and the Development of Petroleum-bearing Series		
Churikov, I. A., and I. D. Lomakina. Determination of Parameters of the Formation made on the Basis of Characteristics of the Oil Well Drilled in Stabilized Interval		
Kazabashvili, Ia. M. Manufacturing Coarse-type Rock Bits		
Kupalo, Ia. M., A. I. Kurnik, and I. P. Krasner. Increasing the Wear Resistance of Rock Bit by Selecting the Hard Metal Alloy		
Tolstorukov, M. I. Stability of Biaxial Plastic Tension		
Markhasin, F. L. (Deceased), and I. I. Sizov. Cutting Temperature in Round Milling Performed by Plane Cutters		
Belotol'shchikov, N. I. Thermodynamic Processes of Gas Turbine Guita		
Poroshkov, B. P. Comparable Characteristics of Gas Turbine Unit		
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63	85	95
107	107	122
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170	170	174
180	180	180

Govorova, G. L.

11(4)

PHASE I BOOK EXPLOITATION

SOV/1502

Murav'yev, Ivan Mikhaylovich, Ruben Samsonovich Andriasov, Shamil' Kashafovich Gimatudinov, Galina Leonidovna Govorova, and Vladimir Tikhonovich Polozkov.

Razrabotka i ekspluatatsiya neftyanykh i gazovykh mestorozhdeniy (Development and Exploitation of Oil and Gas Deposits) Moscow, Gostoptekhizdat, 1958. 495 p. 6,000 copies printed.

Reviewers: Yu. P. Borisov, Candidate of Technical Sciences; Ed.: I.M. Murav'yev, Professor; Exec. Ed.: Z.A. Savina; Tech. Ed.: E.A. Mukhina.

PURPOSE: The book is intended as a textbook for students in engineering, economic and geological-surveying subjects in petroleum institutes, and may be used by the engineering and technical personnel in oil fields.

COVERAGE: The authors survey modern scientific concepts of the physics of formations, the theory of petroleum, gas and gas-condensate field development, and the technology of oil and gas production. They review the methods of planning the development of oil and gas fields, the maintenance of formation pressures and secondary oil-recovery methods, the modern state and techniques of oil and gas wells exploitation and maintenance, as well as the gathering of oil and gas

Card 1/12

Development and Exploitation of Oil and Gas Deposits

SOV/1502

in the fields, primary working processes, transportation, storage, and the utilization of gas. The book was reviewed by the faculty of oil field development of the Groznenskiy neftyanoy institut (Groznyy Petroleum Institute) and Yu. P. Borisov, Candidate of Technical Sciences. There are 88 Soviet references.

TABLE OF CONTENTS:

Foreword

Introduction

PART I. GENERAL DATA ON OIL AND GAS FIELDS

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3. Gramulometric analysis of rock particles	12
4. Rock permeability	14
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Card 2/12

APEL'TSYN, I.E., doktor tekhn.nauk; BARS, Ye.A., kand.geol.-min.nauk;
BORISOV, Yu.P., kand.tekhn.nauk; VELIKOVSKIY, A.S., prof.; VISOTSKIY,
I.V., kand.geol.min.nauk; GOVOROVA, G.L., dots.; DAKHNOV, V.N., prof.
ZHDANOV, M.A., prof.; ZEUKOV, A.I., dots.; KOTYAKHOV, F.I., prof.;
KREMS, A.Ya., doktor geol.-min.nauk; MURAV'YEV, I.M., prof.;
MUSHIN, A.Z., inzh.; NAMION, A.Kh., kand.tekhn.nauk; KHODANOVICH,
I.Ye., kand.tekhn.nauk; KHLYSTOV, V.T., inzh.; CHERNOV, B.G., kand.
tekhn.nauk; SHUROV, V.I., dots.; SAVINA, Z.A., vedushchiy red.;
POLOSINA, A.S., tekhn.red.

[Manual fo petroleum extraction] Spravochnik po dobeye nefti.
Pod obshchei red. I.M.Murav'eva. Moskva, Gos. anuchno-tekhn.izd-vo
neft. i gorno-toplivnoi lit-ry. Vol. 1. 1958. 540 p. (MIRA 11:4)
(Petroleum industry)

ZHDANOV, M.A.; GOVOROVA, G.L.

Problems relative to petroleum production by means of the
central intraboundary flooding system. Neft.khoz. 36
no.2:34-39 F '58. (MIRA 12:4)
(Oil field flooding)

GOVARDANA GITA

卷之三

AUTHOR: *Gusseyn-Zade, M. A., and Govorova, G. L.* 93-58-3-14/17

93-58-3-14/17

TITLE: Determination of Fluid Loss During Water Drive Reservoir Development
(Opryedeleniye utechki zhidkosti npr razrabotke plastov s vodonapornym
rezhimom)

PERIODICAL: Neftyanoye khozyaystvo, 1958, Nr 3, pp 57-58 (USSR)

ABSTRACT: The article presents methods for determining fluid influx or loss in formations where the wells are in a circular or linear arrangement. V. N. Shchelkachev's equations [Ref 1] are recommended for formations which are exploited by wells of circular arrangement and equations [Ref 2] of the Moscow "Order of Labor Red Banner" Petroleum Institute (MNI) are recommended for wells of linear arrangement. The MNI equations [Ref 2] can also be applied to staggered rows of producing and water-injection wells. The method devised by A. P. Ambartsumyan and his coworkers [Ref 3] for determining fluid influx or loss in staggered rows of wells is more cumbersome than the MNI method. The authors conclude that the equations they recommend will permit estimation of fluid influx or loss in water-drive reservoirs with sufficient accuracy. There are 3 Soviet references and 1 table.

AVAILABLE: Library of Congress

Card 1/1

GOVOROVA, G.L.; GUSYNN-ZADE, M.A.

Simplifying design equations for calculating oil-well yields.
Trudy MNi no.22:217-230 '58. (MIRA 12:4)
(Oil field flooding)

GOVOROVA, Galina Leonidovna; BORISOV, Yu.P., kand.tekhn.nauk, retsenzent;
PIETROVA, Ye.A., vedushchiy red.; POLOSINA, A.S., tekhn.red.

[Problems on the production of oil and gas fields] Sbornik
zadach po razrabotke neftianykh i gazovykh mestorozhdenii.
Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry,
1959. 242 p. (MIRA 13:1)
(Oil fields--Production methods)

SHCHELKACHEV, V.N.; BARANOVSKAYA, N.N.; GOVOROVA, G.L.; GUSEYN-ZADE, M.A.

Studies of the department of theoretical mechanics on underground hydrodynamics and the theory of oil field production. Trudy MINKHIGP no.24:122-139 '59. (MIRA 13:3)
(Oil fields--Production methods)

KHUAN' KOU-ZHEN' [Huan K'ou-jən]; GUSEYN-Zade, M.A., rukovoditel' raboty;
GOVOROVA, G.L., rukovoditel' raboty.

Analyzing pressure build-up curves considering the fluid influx
to a well after closing-in. Trudy MINKhGP no.42:164-175 '63.

(MIRA 17:3)

GOVOROVA, G.I.; SALTYKOVA, Z.A.; SHCHELKACHEV, V.N.

Analyzing the rates of withdrawal and depletion of reserves in various stages of the development of oil fields in the United States. Trudy MINKHIGP no.48:260-273 '64.

(MIRA 18:3)

MURAV'YEV, Ivan Mikhaylovich, prof.; ANDRIASOV, Ruben Samsonovich;
GIMATUDINOV, Shamil' Kashapovich; GOVOROVA, Galina
Leonidovna; POLOZKOV, Vladimir Tikhonovich; SAVINA, Z.A.,
ved. red.

[Development and exploitation of oil and gas fields] Raz-
rabotka i ekspluatatsiia neftianykh i gazovykh mestorozh-
denii. Izd.2., perer. Moskva, Nedra, 1965. 504 p.

(MIRA 18:2)

Gor'kova, L. A.

Author: None Given
Title: Chronicle
Periodical: Geodesia i kartografiya, 1960, No. 8, pp. 72-77

Convened by the All-Union Central Scientific-Research Institute of Geodesy and Cartography, the Conference on Gravimetry was held in Moscow. It was convened by the Central Scientific-Research Institute of Geodesy and Cartography (Section for Geodesy of the Committee of Geodesy and Geophysics of the Academy of Sciences USSR) and the Aerogeodetic Laboratory of the Institute of Fizika Zemli (Institute for Aerogeodesy and the Physics of the Atmosphere of the Earth of the AG USSR). 160 representatives of 64 organizations took part in the AG USSR. Production organizations, research centers, testing and construction organizations, educational institutions and organizations of the Academy of Sciences USSR (Academy of Sciences USSR), Sibirskiy otdeleniye AG SSSR (Siberian Department of the

9/2

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Chronicle

הנְּצָרָה

(University of Illinois). In his comments spoke about "The Errors of Geometric Definitions of the 'Festive' and the Accuracy of Determining Errors of Plane Representation and Interpretation of Geometrical Figures". M. N. Sosulin reported on "The Problem of Statistical Analysis and Statistical Methods in the Theory of the Birth-Death Process in the American Foxes". Yu. A. Aronov spoke on "Structural Properties" of the Foxes. S. A. Lukyanov on "The Structure of the Foxes". D. S. Slobodkin on "The Structure of the Foxes".

Card 4/6

Geological and Surveying Service of the Workers of the Donets Basin, Ministry of Geology and Preservation of Natural Resources of the Donets Basin, Ministry of Geology and Preservation of Natural Resources of the Donets Basin, Geopetrol-Geological and surveying work in the Donets Basin, the Donets Basin Geopetrol-Geological Bureau (Geopetrol-Geology USSR) and the institutions of the

technique and technology in production were discussed at the Conference, it was stated that the methods of the work mentioned will be considerably increased within the next three to four years. Furthermore, the following drawbacks were pointed out during the Conference:

- 1. The methods applied are too expensive and time-consuming.
- 2. The geological organizations are insufficiently equipped with the apparatus in geological observations, the aero-photographic and topographic plans available on a large scale are not sufficiently used. This state is explained by insufficient technical equipment, inefficient technical and scientific supply, by a lack of scientific personnel near USSR (University, Institute, and the Administrations of the Researches of the USSR), Research Economy and Preservation of the Education.
- 3. For improving the qualifications of the workers the Conference suggested to convene scientific and technical conferences, regular lectures, for improving the information and technical conferences, experience the editorial board of the *Geological Periodical*, and for the exchange of observations, a section for topographic and geological work in geological Card 3/6

Surveying service of the Glavgeologija USSR (Photographic and Surveying Service of the Glavgeologija USSR) to do everything possible, in order to carry out the resolutions of the 21st Party Congress of the CPSU and the Plenum of the Central Committee of the Party Congress of the

GOVOROVA, L.A.

Errors occurring in the interpolation of gravity anomalies and the
accuracy of gravimetric deviation of plumb line. Trudy
TSNIIGAIK no.139:77-81 '60. (MIRA 14:7)
(Gravimetry)

3,4000 (1106)

35232
S/035/62/000/002/037/05
A001/A101AUTHOR: Gvorova, L. A.TITLE: On errors in interpolation of gravity anomalies and accuracy of
gravimetric deviations of perpendicular linesPERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 2, 1962, 24,
abstract 20149 ("Tr. Tsentr. n.-i. in-ta geod., aeros"yemki i
kartogr.", 1960, no. 139, 77-81)TEXT: Errors δg of interpolations of gravity anomalies are determined for
a plain region and two broken terrains. One gravimetric station is per 4, 5 and
10 km^2 . In the plain region gradients of anomalies amount to 4 mgal/km; the
field of one of the broken regions is characterized by the author as a uniform
one, whereas in the second field variations of the order to 50 mgal are observed.
The author puts into the basis of calculations the differences, on 1- km^2 areas,
between the average anomaly values obtained by interpolation from anomaly isoline
charts constructed by all regional gravimetric stations and by a network of
stations rarefied by several times. The results of calculations are presented
in a table: XCard 1/3 * mgal = milligal = 10^{-3} cm/sec^2

S/035/62/000/002/037/052
A001/A101

On errors in interpolation of gravity ...

No. of region	Degree of rarefaction	Average separation between stations, km	Number of elementary areas	Total interpolation errors, mgal
1	1/2	2.9	5,000	+ 0.58
	1/4	4.0	5,000	0.58
	1/8	5.7	4,754	0.87
	1/16	8.1	4,611	1.33
	1/64	16.2	3,864	2.56
2	1/2	3.2	5,100	0.55
	1/4	4.5	5,100	0.82
	1/8	6.3	4,700	1.29
	1/64	18.0	3,674	2.16
3	1/2	4.5	10,800	0.90
	1/4	6.3	10,800	1.24
	1/8	8.9	10,800	1.55
	1/32	18.0	10,752	2.10

Card 2/3

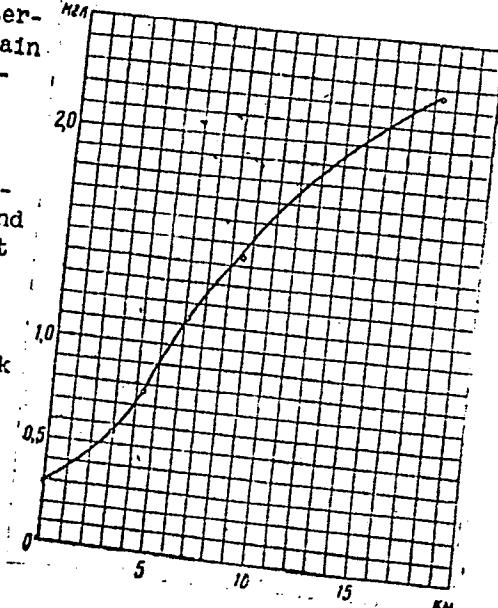
On errors in interpolation of gravity ...

3/035/62/000/C02/037/052
A001/A101

The author holds that the curve (see Fig.) plotted by averaged results can serve to determine the total errors of interpolation in plain and broken regions at separations between stations up to 20 km. The errors δv for any of the components of vertical deflections are determined for 20 arbitrarily selected points from the charts of differences of average anomaly values in elementary areas at the full and rarefied networks of gravimetric stations. It was obtained: $\delta v = \pm (0"147 \pm 0.012) \delta g$ which is consistent with Molodenskiy's formula: $\delta v = \pm 0"15 \delta g$ (RZhAstr, 1960, no. 12, 12799). See also RZhAstr, 1956, no. 8, 4833 and Sbornik referatov TsNIIGAIK, no. 8, 1957. There are 5 references.

L. Govorova

[Abstracter's note: Complete translation]
Card 3/3



PELLINEN, L.P.; GOVOROVA, L.A.

Evaluation of the accuracy of astrogravimetric leveling in the
U.S.S.R. Trudy TSNIIGAIK no.145:43-59 '62. (MIRA 15:11)
(Leveling)

SKRYNNIKOVA, G.N.; GOVOROVA, L.M.; MATVEYEVA, N.I.

Determining diatomic phenols in small concentrations by the
methods of colorimetry and coulometry. Trudy VNIIT no.13:200-
212 '64.
(MIRA 18:2)

GOVOROVA, L.M.; SKRYNNIKOVA, G.N.; VORONOVA, Ye.I.

Using 30% hydrochloric acid for the colorimetric determination of phenols with vanillin in the tar waters of shale-refining combines. Trudy VNIIT no.13:227-231 '64.

(MIRA 18:2)

Gvorova, L.S.

EXPERIMENTAL AND PRACTICAL INDEX

Determination of average water hardness by potassium oleate. L. A. Bukina and L. S. Gvorova. *Zaradskaya Lab.* 14, 1400(1949).—A 100-ml. water sample is titrated by 0.1 *N* HCl or H₂SO₄ with methyl orange; after boiling 5 min. to remove CO₂ and cooling (closed by a soda lime tube), the soln. is neutralized by 0.1 *N* NaOH with phenolphthalein indicator, removing the color by a drop of 0.1 *N* acid. The sample is then titrated with standard alk. soln. of K oleate (30-5 g. oleic acid in 50 ml. 90% EtOH treated with filtered soln. from 8 g. KOH in 100 ml. 90% EtOH with phenolphthalein indicator; final vol. is adjusted to 1.1, by 90% EtOH) to pink color. Total hardness is given by multiplication of K oleate vol. used by its titre, which is given by: $A = AC/B$, where A is the titre, C is the vol. of 0.1 *N* acid used in the standardization (see below), C is the titre of 0.1 *N* acid, and B is the vol. of K oleate used to titrate the sample (see below). Standardization: 10 ml. of filtered std. Ca(OH)₂ soln. is diluted by 90 ml. water and titrated by 0.1 *N* acid with methyl orange, boiled, cooled and neutralized by 0.1 *N* NaOH with phenolphthalein indicator, removing the pink color by a drop of 0.1 *N* acid, after which the soln. is titrated to pink color by the K oleate soln. Good checks with the palmitate method are obtained. G. M. Kosanoff

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A10-SLA METALLURGICAL LITERATURE CLASSIFICATION

FROM 1770-1774	1775-1779	1780-1784	1785-1789	1790-1794	1795-1799	1800-1804	1805-1809	1810-1814	1815-1819	1820-1824	1825-1829	1830-1834	1835-1839	1840-1844	1845-1849	1850-1854	1855-1859	1860-1864	1865-1869	1870-1874	1875-1879	1880-1884	1885-1889	1890-1894	1895-1899	1900-1904	1905-1909	1910-1914	1915-1919	1920-1924	1925-1929	1930-1934	1935-1939	1940-1944	1945-1949	1950-1954	1955-1959	1960-1964	1965-1969	1970-1974	1975-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	2010-2014	2015-2019	2020-2024	2025-2029	2030-2034	2035-2039	2040-2044	2045-2049	2050-2054	2055-2059	2060-2064	2065-2069	2070-2074	2075-2079	2080-2084	2085-2089	2090-2094	2095-2099	2100-2104	2105-2109	2110-2114	2115-2119	2120-2124	2125-2129	2130-2134	2135-2139	2140-2144	2145-2149	2150-2154	2155-2159	2160-2164	2165-2169	2170-2174	2175-2179	2180-2184	2185-2189	2190-2194	2195-2199	2200-2204	2205-2209	2210-2214	2215-2219	2220-2224	2225-2229	2230-2234	2235-2239	2240-2244	2245-2249	2250-2254	2255-2259	2260-2264	2265-2269	2270-2274	2275-2279	2280-2284	2285-2289	2290-2294	2295-2299	2300-2304	2305-2309	2310-2314	2315-2319	2320-2324	2325-2329	2330-2334	2335-2339	2340-2344	2345-2349	2350-2354	2355-2359	2360-2364	2365-2369	2370-2374	2375-2379	2380-2384	2385-2389	2390-2394	2395-2399	2400-2404	2405-2409	2410-2414	2415-2419	2420-2424	2425-2429	2430-2434	2435-2439	2440-2444	2445-2449	2450-2454	2455-2459	2460-2464	2465-2469	2470-2474	2475-2479	2480-2484	2485-2489	2490-2494	2495-2499	2500-2504	2505-2509	2510-2514	2515-2519	2520-2524	2525-2529	2530-2534	2535-2539	2540-2544	2545-2549	2550-2554	2555-2559	2560-2564	2565-2569	2570-2574	2575-2579	2580-2584	2585-2589	2590-2594	2595-2599	2600-2604	2605-2609	2610-2614	2615-2619	2620-2624	2625-2629	2630-2634	2635-2639	2640-2644	2645-2649	2650-2654	2655-2659	2660-2664	2665-2669	2670-2674	2675-2679	2680-2684	2685-2689	2690-2694	2695-2699	2700-2704	2705-2709	2710-2714	2715-2719	2720-2724	2725-2729	2730-2734	2735-2739	2740-2744	2745-2749	2750-2754	2755-2759	2760-2764	2765-2769	2770-2774	2775-2779	2780-2784	2785-2789	2790-2794	2795-2799	2800-2804	2805-2809	2810-2814	2815-2819	2820-2824	2825-2829	2830-2834	2835-2839	2840-2844	2845-2849	2850-2854	2855-2859	2860-2864	2865-2869	2870-2874	2875-2879	2880-2884	2885-2889	2890-2894	2895-2899	2900-2904	2905-2909	2910-2914	2915-2919	2920-2924	2925-2929	2930-2934	2935-2939	2940-2944	2945-2949	2950-2954	2955-2959	2960-2964	2965-2969	2970-2974	2975-2979	2980-2984	2985-2989	2990-2994	2995-2999	3000-3004	3005-3009	3010-3014	3015-3019	3020-3024	3025-3029	3030-3034	3035-3039	3040-3044	3045-3049	3050-3054	3055-3059	3060-3064	3065-3069	3070-3074	3075-3079	3080-3084	3085-3089	3090-3094	3095-3099	3100-3104	3105-3109	3110-3114	3115-3119	3120-3124	3125-3129	3130-3134	3135-3139	3140-3144	3145-3149	3150-3154	3155-3159	3160-3164	3165-3169	3170-3174	3175-3179	3180-3184	3185-3189	3190-3194	3195-3199	3200-3204	3205-3209	3210-3214	3215-3219	3220-3224	3225-3229	3230-3234	3235-3239	3240-3244	3245-3249	3250-3254	3255-3259	3260-3264	3265-3269	3270-3274	3275-3279	3280-3284	3285-3289	3290-3294	3295-3299	3300-3304	3305-3309	3310-3314	3315-3319	3320-3324	3325-3329	3330-3334	3335-3339	3340-3344	3345-3349	3350-3354	3355-3359	3360-3364	3365-3369	3370-3374	3375-3379	3380-3384	3385-3389	3390-3394	3395-3399	3400-3404	3405-3409	3410-3414	3415-3419	3420-3424	3425-3429	3430-3434	3435-3439	3440-3444	3445-3449	3450-3454	3455-3459	3460-3464	3465-3469	3470-3474	3475-3479	3480-3484	3485-3489	3490-3494	3495-3499	3500-3504	3505-3509	3510-3514	3515-3519	3520-3524	3525-3529	3530-3534	3535-3539	3540-3544	3545-3549	3550-3554	3555-3559	3560-3564	3565-3569	3570-3574	3575-3579	3580-3584	3585-3589	3590-3594	3595-3599	3600-3604	3605-3609	3610-3614	3615-3619	3620-3624	3625-3629	3630-3634	3635-3639	3640-3644	3645-3649	3650-3654	3655-3659	3660-3664	3665-3669	3670-3674	3675-3679	3680-3684	3685-3689	3690-3694	3695-3699	3700-3704	3705-3709	3710-3714	3715-3719	3720-3724	3725-3729	3730-3734	3735-3739	3740-3744	3745-3749	3750-3754	3755-3759	3760-3764	3765-3769	3770-3774	3775-3779	3780-3784	3785-3789	3790-3794	3795-3799	3800-3804	3805-3809	3810-3814	3815-3819	3820-3824	3825-3829	3830-3834	3835-3839	3840-3844	3845-3849	3850-3854	3855-3859	3860-3864	3865-3869	3870-3874	3875-3879	3880-3884	3885-3889	3890-3894	3895-3899	3900-3904	3905-3909	3910-3914	3915-3919	3920-3924	3925-3929	3930-3934	3935-3939	3940-3944	3945-3949	3950-3954	3955-3959	3960-3964	3965-3969	3970-3974	3975-3979	3980-3984	3985-3989	3990-3994	3995-3999	4000-4004	4005-4009	4010-4014	4015-4019	4020-4024	4025-4029	4030-4034	4035-4039	4040-4044	4045-4049	4050-4054	4055-4059	4060-4064	4065-4069	4070-4074	4075-4079	4080-4084	4085-4089	4090-4094	4095-4099	4100-4104	4105-4109	4110-4114	4115-4119	4120-4124	4125-4129	4130-4134	4135-4139	4140-4144	4145-4149	4150-4154	4155-4159	4160-4164	4165-4169	4170-4174	4175-4179	4180-4184	4185-4189	4190-4194	4195-4199	4200-4204	4205-4209	4210-4214	4215-4219	4220-4224	4225-4229	4230-4234	4235-4239	4240-4244	4245-4249	4250-4254	4255-4259	4260-4264	4265-4269	4270-4274	4275-4279	4280-4284	4285-4289	4290-4294	4295-4299	4300-4304	4305-4309	4310-4314	4315-4319	4320-4324	4325-4329	4330-4334	4335-4339	4340-4344	4345-4349	4350-4354	4355-4359	4360-4364	4365-4369	4370-4374	4375-4379	4380-4384	4385-4389	4390-4394	4395-4399	4400-4404	4405-4409	4410-4414	4415-4419	4420-4424	4425-4429	4430-4434	4435-4439	4440-4444	4445-4449	4450-4454	4455-4459	4460-4464	4465-4469	4470-4474	4475-4479	4480-4484	4485-4489	4490-4494	4495-4499	4500-4504	4505-4509	4510-4514	4515-4519	4520-4524	4525-4529	4530-4534	4535-4539	4540-4544	4545-4549	4550-4554	4555-4559	4560-4564	4565-4569	4570-4574	4575-4579	4580-4584	4585-4589	4590-4594	4595-4599	4600-4604	4605-4609	4610-4614	4615-4619	4620-4624	4625-4629	4630-4634	4635-4639	4640-4644	4645-4649	4650-4654	4655-4659	4660-4664	4665-4669	4670-4674	4675-4679	4680-4684	4685-4689	4690-4694	4695-4699	4700-4704	4705-4709	4710-4714	4715-4719	4720-4724	4725-4729	4730-4734	4735-4739	4740-4744	4745-4749	4750-4754	4755-4759	4760-4764	4765-4769	4770-4774	4775-4779	4780-4784	4785-4789	4790-4794	4795-4799	4800-4804	4805-4809	4810-4814	4815-4819	4820-4824	4825-4829	4830-4834	4835-4839	4840-4844	4845-4849	4850-4854	4855-4859	4860-4864	48

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COVINGTON, GA.

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CIA-RDP86-00513R000516430001-1"

GOVOROVA, L.S.

USSR/Chemical Technology - Chemical Products and Their
Application. Water treatment. Sewage water.

I-11

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12751

Author : Zheludkova A.M. Govorova L.S.

Inst : Moscow Power Installations

Title : On Determination of Steam Quality from Its Alkalinity

Orig Pub : Inform. materialy Mosenergo. 1955, No 8, 60-64

Abstract : It is shown that determination of alkalinity of the steam condensate, even on maintenance of optimal conditions (titration with 0.01 N solution of acid using a mixed indicator, absence of CO_2) and correction for NH_3 , results in an error (3.5 μ g-equivalent/liter) that exceeds the permissible norm of salt content in the steam. Therefore determination of alkalinity can be utilized only to detect drastic deterioration of quality of the steam.

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GOVOROVA, M.A.

Carbohydrate metabolism in patients with peptic ulcer following resection of the stomach. Vrach. delo no.8:23-26 Ag '60. (MIRA 13:9)

1.Klinika lechebnogo pitaniya (zav. - dotsent M.S. Gorovova) Ukrainskogo nauchno-issledovatel'skogo instituta pitaniya.
(CARBOHYDRATE METABOLISM) (PEPTIC ULCER)

TELITCHENKO, M. M.; GOVOROVA, M. F.

Early diagnosis of toxicosis in fish by the erythrographic method.
Vop. ikht. 2 no.3:393-396 '62. (MIRA 15:10)

1. Moskovskiy gosudarstvennyy universitet.

(Fishes--Diseases and pests)
(Hemolysis and hemolysins)

GOVOROVA, M.F.; TELITCHENKO, M.M.

Using the method of acid erythrograms for early diagnosis of fish
toxicoses. Biul.MOIP.Otd.biol. 67 no.3:157-158 My-Je '62.
(MIRA 15:11)

(Fishes—Diseases and pests) (Blood—Examination)

GOVOROVA, M. S., Doc Med Sci -- (diss) "Proximate and Remote Con-
sequences of Gastrotomy in Patients Suffering from an ~~Ulcerous~~
~~Disease?~~" Kiev, 1957. 30 pp. (Kiev Order of Labor Red Banner Med
Inst im ~~Academian~~ A. A. Bogomolets), 200 copies. (KL,
7-58, 112)

GOVOROVA, M. S.

GOVOROVA, M.S., dotsent

State of the liver and biliary ducts in patients with ulcers before
and after gastric resection. Vrach.delo no.6:583-586 Je '57.

(MLRA 10:8)

1. Kafedra terapii II (zav. - prof. A.L.Mikhnev) Kiyevskogo
instituta usovershenstvovaniya vrachey
(BILIARY TRACT--DISEASES) (PEPTIC ULCER)
(STOMACH--SURGERY)

GOVOROVA, M.S. [Hovorova, M.S.]

Protein composition of the blood in ulcer patients before and after
gastric section [with summary in English]. *Fiziol. zhur. [Ukr.]* 4 no.1:
97-106 Ja-F '58. (MIRA 11:3)

1. Kiivs'kiy institut udoskonaleniya likariv, II kafedra terapii.
(BLOOD PROTEINS) (STOMACH)

GOVOROVA, M. S., Doc of Med Sci -- (diss) "Immediate and After-Effects of a Stomach Resection in Patients Suffering from Ulcers," Moscow, 1959, 32 pp (Academy of Sciences, USSR) (KL, 7-60, 109)

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CIA-RDP86-00513R000516430001-1

GOVOROVA, M. S., MUKHINA, N. S., KORYAKIN, I. S.

"Sanitary-hygienic characteristics of the water supply of certain areas of cultivation of virgin and fallow lands of Kazakhstan."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists and Infectionists, 1959.

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CIA-RDP86-00513R000516430001-1"

GOVOROVA, M.S. [Govorova, M.S.]

Changes in the glycemic curves and arteriovenous difference of blood sugar in dogs before and after gastric resection. Fiziol. zhur. [Ukr.] 5 no.5:639-649 S-0 '59 (MIRA 13:3)

1. Kiyevskiy institut usovershenstvovaniya vrachey.
(STOMACH--SURGERY). (BLOOD SUGAR)

STOVBUN, A.T., red.; PARTESHKO, V.G., red.; ASKALONOV, S.P., red.;
BURYY, V.S., red.; GOVOROVA, M.S., red.; RUDENKO, K.R., red.;
SEREBRYANAYA, S.G., red.; ZAPOL'SKAYA, L.A., tekhn. red.

[Problems of nutrition] Voprosy pitanija. Kiev, Gosmedizdat,
USSR, 1962. 242 p. (MIRA 16:7)

1. Ukrainskiy nauchno-issledovatel'skiy institut pitanija.
(NUTRITION)

GOVOROVA, M.S., doktor med.nauk; RYZHKOVA, K.G., nauchnyy sotrudnik
(Kiyev)

Changes in some indications of carbohydrate and lipid metabolism
following glucose treatment in arteriosclerosis with symptoms
of chronic coronary insufficiency. Vrach. delo no.2:53-56 F
'62. (MIRA 15:3)

1. Klinika lechebnogo pitaniya (zav. - doktor med.nauk
M.S. Govorov) Ukrainskogo nauchno-issledovatel'skogo
instituta pitaniya.

(CARBOHYDRATE METABOLISM)
(LIPID METABOLISM)
(CORONARY HEART DISEASES)

GOVOROVA, M.S., doktor med.nauk (Kiyev)

State of tissue carbohydrate metabolism in peptic ulcer
patients following stomach surgery. Vrach.delo no.12:46-49
D '62. (MIRA 15:12)

1. Klinika lechebnogo pitaniya (zav. - doktor med.nauk M.S.
Govorov) Ukrainskogo nauchno-issledovatel'skogo instituta
pitaniya.
(PEPTIC ULCER) (TOMACH--SURGERY) (CARBOHYDRATE METABOLISM)

KORYAKIN, I.S.; ALEKSEYeva, V.G.; GOVOROVA, M.S.; VORONINA, T.V.;
DAULBAYEV, F.A.; DEMIDova, S.T.; KAZANTSEVA, G.V.; MOROZ, V.M.;
MUKHINA, N.S.; PIPIN'yan, P.O.; SHTIFANOVA, A.K.

Trace elements in drinking water sources of Kazakhstan and their
relations to the problem of some noninfectious diseases. Vest. AMN
SSSR 19 no.7:90-95, '64. (MIRA 18:3)

1. Alma-Atinskiy meditsinskiy institut.

GOVOROVA, N.A.; BELIKOVA, O.P.; ROZENBERG, P.A.; ULANOVA, I.P.

Clinical aspects of methylene chloride intoxications. Trudy AMN
SSSR 31:91-98 '54.
(Methane--Toxicology)

GOVOROVA, N.A., SADCHIKOVA, M.N. (Moskva)

Clinical aspects of chronic dichlorethane poisoning. Gig.truda i
prof. zav. 2 no.4:45-48 Jl-Ag '58 (MIRA 11:9)

1. Institut gigiyeny truda i profzabolevaniy AMN SSSR.
(ETHANE--TOXICOLOGY)

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GOVOROVA, R. A.

"The Influence of the Polisher Material on the Polishing of Glass." Cand Tech
Sci, Inst of Chemistry of Silicates, Acad Sci USSR, Leningrad, 1954, (KL, No 1, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational
Inst: Sum. No 598, 29 Jul 55

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